

SCHLUMBERGER

DIRECTIONAL LOG

(COMPUTED)
SCHLUMBERGER OF CANADA Calgary Alberta

PROVINCE YUKON TERRITORY
 FIELD WILDCAT
 WELL PAN AM HOME SIGNAL CSP A-1
KOTANEELEE YT P-50
 COMPANY PAN AMERICAN PETROLEUM CORPORATION

COMPANY PAN AMERICAN PETROLEUM CORPORATION
 WELL PAN AM HOME SIGNAL CSP A-1
KOTANEELEE YT P-50
 FIELD WILDCAT
 PROVINCE YUKON TERRITORY
 LOCATION UNIT P SECTION 50
 GRID 60° 10' N 124° 00' W
 Other Services: IES, SGR-C
 Permanent Datum G.L. Elev. 1475.25 ELEV: KB 1490
 Log Measured From K.R. 14.75 Ft. Above Perm. Datum GL 1475.25
 CBF _____

Date	25 JUNE 1962	21 DECEMBER 1962	7 FEBRUARY 1963
Run No.	ONE	TWO	THREE
First Reading	5427	9980	11292
Last Reading	419	4411	9990
Feet Measured	5008	5569	1302
Depth Reached	5430	9990	11294
Bottom Driller	5545	10009	11304
Csg. SOC	414	4411	4411
Csg. Driller	417	4411	4411
Mud Nature	GEL-CHEM	GYP-O-BROXIN	GYP
Dens. Visc.	9.9	13.2	10.5
Mud pH		10.5	85
Water Loss		2.8	2.0
Res.	@	@ 58 °F	@ 76 °F
@ BHT	@	@ 246 °F	@ 269 °F
Rmf	@	@ 55 °F	@ 76 °F
Rmc	@	@ 49 °F	@ 78 °F
Bit Size	12-1/4"	8-1/2"	8-1/2"
Magnetic Declination	33°E	33°E	33°E
Computation Interval	50 FT.	100 FT.	100 FT.
Computed By	McKINNON	McKINNON	McKINNON
Op. Rig Time	6 HRS.	15 HRS.	10 HR.
Tract No.	DSU-A 7	DSU-A 7	DSU-A-7
Recorded By	PRATHER	GRAY	BERRY
Witness		FOUNTAIN	BLINN

Date	13 APRIL, 1963
Run No.	FOUR
First Reading	11,548
Last Reading	13,365
Feet Measured	1,817
Depth Reached	13,368
Bottom Driller	13,368
Csg. SOC	11,548
Csg. Driller	11,560
Mud Nature	GEL O BROXIN
Dens. Visc.	9.2
Mud pH	10.0
Water Loss	3.1
Res.	@ 5.4 °F
@ BHT	@ 327 °F
Rmf	@ °F
Rmc	@ °F
Bit Size	6"
Magnetic Declination	33° E
Computation Interval	50'
Computed By	McKINNON
Op. Rig Time	10 HR.
Tract No.	DSU-A-7
Recorded By	PRATHER
Witness	

REMARKS _____ BHT _____ F Measured _____ Hours After Circulation _____

Panel DCP -B 109
 Sonde RDS -J 170
 Weight DCW
 Cartridge DCE -B 119
 Cartridge DCM-A 316
 Photoclinometer PC

Continuous Directional Taken From CDM Photoclinometer

"ANY DIRECTIONAL COMPUTATIONS MADE FROM THE DIPMETER LOG MUST BE REGARDED AS APPROXIMATE ONLY. THIS IS BECAUSE THE DIPMETER LOG INDICATES THE ORIENTATION OF THE INSTRUMENT ITSELF, RATHER THAN THE DIRECTION AND AMOUNT OF THE WALL DRIFT. THEREFORE, WE DO NOT AND CANNOT GUARANTEE THE ACCURACY OF SUCH DIRECTIONAL COMPUTATIONS, AND WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED THAT MAY RESULT FROM ANY SUCH COMPUTATIONS."

Depth	Drift Angle	DEFLECTION			LATITUDE		DEPARTURE		COORDINATES				
		True Bearing	Horizontal Footage	True Vertical Depth	N	S	E	W	N	S	E	W	
417	CSG.	SHOE		417.00									
	1-00	N 63 W	0.58		0.26			0.51					
450				449.99					0.26				0.51
	1-00	N 72 W	0.88		0.27			0.83					
500				499.98					0.53				1.34
	1-15	N 72 W	1.09		0.34			1.04					
550				549.97					0.87				2.38
	1-30	N 76 W	1.31		0.32			1.27					
600				599.96					1.19				3.65
	1-45	N 78 W	1.53		0.32			1.50					
650				649.94					1.51				5.15
	1-45	S 88 W	1.53			0.06		1.52					
700				699.92					1.45				6.67
	2-00	N 87 W	1.75		0.09			1.75					
750				749.89					1.54				8.42
	2-00	S 88 W	1.75			0.06		1.75					
800				799.86					1.48				10.17
	1-45	S 83 W	1.53			0.19		1.52					
850				849.84					1.29				11.69
	1-15	N 71 W	1.09		0.36			1.03					
900				899.83					1.65				12.72
	0-30	N 67 W	0.44		0.17			0.40					
950				949.83					1.82				13.12
	0-45	N 57 W	0.66		0.36			0.55					
1000				999.83					2.18				13.67
	0-30	N 78 E	0.44		0.09			0.43					
1050				1049.83					2.27				13.24
	0-45	S 84 E	0.66			0.07		0.65					
1100				1099.83					2.20				12.59
	0-45	N 33 E	0.66		0.55			0.36					
1150				1149.83					2.75				12.23
	0-30	S 47 E	0.44			0.30		0.32					
1200				1199.83					2.45				11.91
	1-15	N 73 E	1.09		0.32			1.05					
1250				1249.82					2.77				10.86
	0-45	N 83 E	0.66		0.08			0.65					
1300				1299.82					2.85				10.21
	1-15	S 37 E	1.09			0.87		0.66					
1350				1349.81					1.98				9.55
	1-30	N 53 E	1.31		0.79			1.05					
1400				1399.80					2.77				8.50

1250	0-45	N 83 E	0.66	1249.82	0.08	0.65	2.77	10.86
1300	1-15	S 37 E	1.09	1299.82	0.87	0.66	2.85	10.31
1350	1-30	N 53 E	1.31	1349.81	0.79	1.05	1.98	9.55
1400	0-15	S 17 E	0.22	1399.80	0.21	0.07	2.77	8.50
1450	0-15	S 67 E	0.22	1449.80	0.09	0.20	2.56	8.43
1500	0-30	S 02 E	0.44	1499.80	0.44	0.02	2.47	8.23
1550	0-15	S 08 W	0.22	1549.80	0.22	0.03	2.03	8.21
1600	1-00	S 32 E	0.88	1599.80	0.74	0.47	1.81	8.24
1650	1-00	S 27 E	0.88	1649.79	0.78	0.40	1.07	7.77
1700	1-15	S 57 E	1.09	1699.78	0.60	0.92	0.29	7.57
1750	2-00	N 85 E	1.75	1749.77	0.15	1.74	0.31	6.45
1800	2-15	S 82 E	1.97	1799.74	0.28	1.95	0.16	4.71
1850	2-15	N 73 E	1.97	1849.70	0.58	1.88	0.44	2.76
1900	2-30	S 87 E	2.18	1899.66	0.12	2.18		0.88
1950	2-45	S 62 E	2.40	1949.61	1.13	2.12		1.30
2000	3-00	S 82 E	2.62	1999.55	0.37	2.59	1.11	3.42
2050	4-00	S 82 E	2.49	2049.48	0.49	3.46	1.48	6.01
2100	3-45	S 77 E	3.27	2099.31	0.74	3.19	1.97	9.47
2150	3-30	S 72 E	3.05	2149.21	0.95	2.91	2.71	12.66
2200	3-45	S 87 E	3.27	2199.11	0.17	3.27	3.66	15.57
2250	3-30	N 87 E	3.05	2249.01	0.16	3.05	3.83	18.84
2300	2-00	S 88 E	1.75	2298.91	0.06	1.75	3.67	21.89
2350	1-45	N 88 E	1.53	2348.88	0.06	1.53	3.73	23.64
2400	1-45	S 83 E	1.53	2398.86	0.19	1.02	3.67	25.17
2450	2-00	S 47 E	1.75	2448.84	1.19	1.28	3.86	26.19
2500	1-45	S 47 E	1.53	2498.81	1.04	1.12	5.05	27.47
2550	1-45	S 52 E	1.52	2548.79	0.94	1.21	6.09	28.59
2600	2-00	S 52 E	1.75	2598.77	1.08	1.38	7.03	29.80
2650	2-45	S 79 E	2.40	2648.74	0.46	2.36	8.11	31.18
2700	3-00	S 87 E	2.62	2698.68	0.14	2.62	8.57	33.54
2750	2-15	S 59 E	1.97	2748.61	1.01	1.69	8.71	36.16
2800	2-00	S 67 E	1.75	2798.57	0.68	1.61	9.72	37.85
2850	2-00	S 32 E	1.75	2848.54	1.40	1.05	10.40	39.46
2900	1-45	S 22 E	1.53	2898.51	1.42	0.57	11.80	40.51
2950				2948.49			13.22	41.08

1450	0-15	S 67 E	0.22	1449.80		0.09	0.20				
1500				1499.80					2.47		8.23
	0-30	S 02 E	0.44			0.44	0.02				
1550				1549.80					2.03		8.21
	0-15	S 08 W	0.22			0.22		0.03			
1600				1599.80					1.81		8.24
	1-00	S 32 E	0.88			0.74	0.47				
1650				1649.79					1.07		7.77
	1-00	S 27 E	0.88			0.78	0.40				
1700				1699.78					0.29		7.37
	1-15	S 57 E	1.09			0.60	0.92				
1750				1749.77						0.31	6.45
	2-00	N 85 E	1.75		0.15		1.74				
1800				1799.74						0.16	4.71
	2-15	S 82 E	1.97			0.28	1.95				
1850				1849.70					0.44		2.76
	2-15	N 73 E	1.97		0.58		1.88				
1900				1899.66							0.88
	2-30	S 87 E	2.18			0.12	2.18				
1950				1949.61							1.30
	2-45	S 62 E	2.40			1.13	2.12				
2000				1999.55						1.11	3.42
	3-00	S 82 E	2.62			0.37	2.59				
2050				2049.48						1.48	6.01
	4-00	S 82 E	2.49			0.49	3.46				
2100				2099.31						1.97	9.47
	3-45	S 77 E	3.27			0.74	3.19				
2150				2149.21						2.71	12.66
	3-30	S 72 E	3.05			0.95	2.91				
2200				2199.11						3.66	15.57
	3-45	S 87 E	3.27			0.17	3.27				
2250				2249.01						2.83	18.84
	3-30	N 87 E	3.05		0.16		3.05				
2300				2298.91						3.67	21.89
	2-00	S 88 E	1.75			0.06	1.75				
2350				2348.88						3.73	23.64
	1-45	N 88 E	1.53		0.06		1.53				
2400				2398.86						3.67	25.17
	1-45	S 83 E	1.53			0.19	1.02				
2450				2448.84						3.86	26.19
	2-00	S 47 E	1.75			1.19	1.28				
2500				2498.81						5.05	27.47
	1-45	S 47 E	1.53			1.04	1.12				
2550				2548.79						6.09	28.59
	1-45	S 52 E	1.52			0.94	1.21				
2600				2598.77						7.03	29.80
	2-00	S 52 E	1.75			1.08	1.38				
2650				2648.74						8.11	31.18
	2-45	S 79 E	2.40			0.46	2.36				
2700				2698.68						8.57	33.54
	3-00	S 87 E	2.62			0.14	2.62				
2750				2748.61						8.71	36.16
	2-15	S 59 E	1.97			1.01	1.69				
2800				2798.57						9.72	37.85
	2-00	S 67 E	1.75			0.68	1.61				
2850				2848.54						10.40	39.46
	2-00	S 32 E	1.75			1.40	1.05				
2900				2898.51						11.80	40.51
	1-45	S 22 E	1.53			1.42	0.57				
2950				2948.49						13.22	41.08
	1-45	S 52 E	1.53			0.94	1.21				
3000				2998.47						14.16	42.29
	2-15	S 85 E	1.97			0.17	1.96				
3050				3048.43						14.33	44.25

3100	2-45	S 77 E	2.40	3098.40	0.54	2.54	14.87	40.59
	3-00	S 72 E	2.67		0.81	2.49		
3150				3148.33			15.68	49.08
	3-30	S 69 E	3.05		1.10	2.85		
3200				3198.23			16.78	51.93
	3-15	S 72 E	2.84		0.88	2.70		
3250				3248.15			17.06	54.63
	2-00	S 83 E	1.75		0.22	1.73		
3300				3298.12			17.88	56.36
	1-30	S 80 E	1.31		0.23	1.29		
3350				3348.10			18.11	57.65
	1-45	S 77 E	1.53		0.35	1.49		
3400				3398.07			18.46	59.14
	1-00	N 68 E	0.88		0.33	0.81		
3450				3448.06			18.31	59.25
	1-45	S 08 W	1.53		1.51	0.21		
3500				3498.03			19.64	59.74
	1-45	S 13 W	1.53		1.49	0.35		
3550				3548.00			21.13	59.39
	2-00	S 17 E	1.75		1.67	0.51		
3600				3597.97			22.80	59.90
	2-30	S 27 E	2.18		1.95	0.99		
3650				3647.92			24.75	60.89
	2-30	S 57 E	2.18		1.19	1.83		
3700				3697.87			25.94	62.72
	3-30	S 62 E	3.05		1.44	2.69		
3750				3747.77			27.38	65.41
	4-00	S 79 E	3.49		0.67	3.43		
3800				3797.65			28.05	68.84
	3-30	S 77 E	3.05		0.69	2.98		
3850				3847.55			28.74	71.82
	3-45	S 69 E	3.27		1.17	3.05		
3900				3897.44			29.91	74.87
	3-45	S 67 E	3.27		1.28	3.01		
3950				3947.33			31.19	77.88
	3-30	S 62 E	3.05		1.44	2.70		
4000				3997.23			32.63	80.58
	3-00	S 72 E	2.62		0.81	2.49		
4050				4047.16			33.44	83.07
	3-15	S 62 E	2.84		1.33	2.50		
4100				4097.08			34.77	85.57
	4-15	S 69 E	3.71		1.33	3.46		
4150				4146.94			36.10	89.03
	5-00	S 85 E	4.36		0.38	4.34		
4200				4196.75			36.48	93.37
	4-30	S 77 E	3.93		0.88	3.83		
4250				4246.59			37.36	97.20
	5-00	S 79 E	4.36		0.83	4.28		
4300				4296.40			38.19	101.48
	5-15	S 85 E	4.58		0.40	4.56		
4350				4346.19			38.59	106.04
	4-30	S 67 E	3.93		1.54	3.61		
4400				4396.03			40.13	109.65
	4-30	S 83 E	3.93		0.48	3.89		
4450				4445.87			40.61	113.54
	4-45	S 82 E	4.14		0.58	4.10		
4500				4495.70			41.19	117.64
	4-45	S 82 E	4.14		0.58	4.10		
4550				4545.53			41.77	121.74
	4-30	S 86 E	3.93		0.28	3.92		
4600				4595.37			42.05	125.66
	5-00	S 79 E	4.36		0.83	4.28		
4650				4645.18			42.88	129.94
	4-00	S 77 E	3.49		0.79	3.40		
4700				4695.06			43.67	133.34

4600	4-30	S 86 E	3.93	4595.37	0.28	3.92	42.05	125.66
4650	5-00	S 79 E	4.36	4645.18	0.83	4.28	42.88	129.94
4700	4-00	S 77 E	3.49	4695.06	0.79	3.40	43.67	133.34
4750	4-45	S 83 E	4.14	4744.89	0.51	4.11	44.18	137.45
4800	5-30	S 82 E	4.79	4794.66	0.67	4.75	44.85	142.20
4850	6-30	S 77 E	5.66	4844.34	1.28	5.52	46.13	147.72
4900	6-45	S 77 E	5.88	4894.00	1.32	5.73	47.45	153.45
4950	6-15	S 79 E	5.45	4943.69	1.04	5.35	48.49	158.80
5000	7-00	S 77 E	6.10	4993.32	1.37	5.94	49.86	164.74
5050	7-15	S 82 W	6.31	5042.92	0.88	6.25	50.74	170.99
5100	7-00	S 80 E	6.10	5092.55	1.06	6.00	51.80	176.99
5150	7-45	S 83 E	6.75	5142.10	0.82	6.70	52.62	183.69
5200	7-30	S 85 E	6.53	5191.67	0.57	6.50	53.19	190.19
5250	7-45	S 82 E	6.75	5241.22	0.94	6.68	54.13	196.87
5300	7-30	S 77 E	6.53	5290.79	1.47	6.36	55.60	203.23
5350	8-00	S 82 E	6.96	5340.33	0.97	6.69	56.57	209.92
5430	7-30	S 83 E	10.44	5419.64	1.27	10.36	57.84	220.28
					5.60	63.44	234.54	14.26
						-5.60	-14.26	
						57.84	220.28	

4411	WHIPSTOCK			4407.00	40.24	110.51	40.24	110.51
4500	4-30	N 86 E	6.99	4495.72	0.49	6.97	39.75	117.48
4600	4-30	N 73 E	7.85	4595.41	2.29	7.50	37.46	124.98
4700	5-30	N 83 E	9.58	4694.95	1.17	9.51	36.29	134.49
4800	6-15	N 81 E	10.89	4794.36	1.73	10.75	34.56	145.24
4900	6-30	N 83 E	11.32	4893.72	1.38	11.23	33.18	156.47
5000	7-00	N 88 E	12.19	4992.97	0.43	12.18	32.75	168.65
5100	7-30	N 86 E	13.05	5092.11	0.91	13.02	31.84	181.67
5200	7-45	N 88 E	13.49	5191.20	0.47	13.49	31.37	195.16
5300	7-30	N 89 E	13.05	5290.34	0.23	13.05	31.14	208.21
5400	7-30	N 83 E	13.05	5389.48	1.59	12.95	29.55	221.16
5500	7-30	N 85 E	13.05	5488.62	1.14	13.00	28.41	234.16
5600	8-00	S 89 E	13.92	5587.65	0.24	13.91	28.65	248.07
5700	8-30	S 87 E	14.78	5686.55	0.77	14.76	29.42	262.83
	8-30	S 89 E	14.78		0.26	14.78		

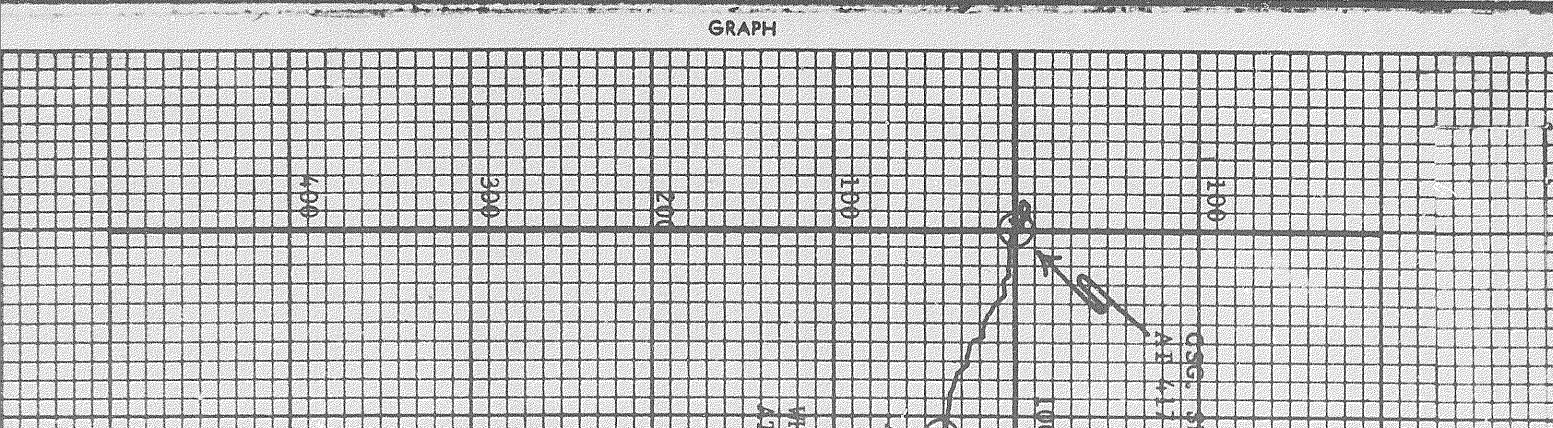
	7-30	N 85 E	13.05	5488.62	1.14	13.00	29.55	221.10	
5500	8-00	S 89 E	13.92	5587.65		0.24	13.91	28.41	234.16
5600	8-30	S 87 E	14.78	5686.55		0.77	14.76	28.65	248.07
5700	8-30	S 89 E	14.78	5785.45		0.26	14.78	29.42	262.83
5800	8-30	S 87 E	14.78	5884.35		0.77	14.76	29.68	277.61
5900	8-30	S 79 E	14.78	5983.25		2.82	14.51	30.45	292.37
6000	8-15	S 77 E	14.35	6082.22		3.23	13.98	33.27	306.88
6100	8-00	S 85 E	13.92	6181.26		1.21	13.86	36.50	320.86
6200	8-00	S 87 E	13.92	6280.28		0.73	13.90	37.71	334.72
6300	7-45	S 88 E	13.49	6379.37		0.47	13.48	38.44	348.62
6400	7-45	S 84 E	13.49	6478.46		1.41	13.41	38.91	362.10
6500	8-00	S 82 E	13.92	6577.49		1.94	13.78	40.32	375.51
6600	8-15	S 81 E	14.35	6676.46		2.24	14.71	42.26	389.29
6700	8-15	S 77 E	14.35	6775.43		3.23	13.98	44.50	404.00
6800	8-15	S 78 E	14.35	6874.40		2.98	14.03	47.73	417.98
6900	8-15	S 72 E	14.35	6973.37		4.43	13.65	50.71	432.01
7000	8-00	S 77 E	13.92	7072.40		3.13	13.57	55.14	445.66
7100	8-00	S 77 E	13.92	7171.43		3.13	13.57	58.27	459.23
7200	7-45	S 78 E	13.49	7270.52		2.80	13.20	61.40	472.80
7300	7-30	S 80 E	13.05	7369.66		2.27	12.85	64.20	486.00
7400	8-00	S 75 E	13.92	7468.69		3.60	13.45	66.47	498.85
7500	8-30	S 67 E	14.78	7567.59		5.77	13.61	70.07	512.30
7600	8-30	S 70 E	14.78	7666.49		5.05	13.89	75.84	525.91
7700	8-30	S 74 E	14.78	7765.39		4.07	14.21	80.89	539.80
7800	8-30	S 72 E	14.78	7864.29		4.57	14.05	84.96	554.01
7900	8-30	S 75 E	14.78	7963.19		3.82	14.38	89.53	568.06
8000	8-45	S 67 E	15.21	8062.03		5.94	14.00	93.35	582.44
8100	9-00	S 68 E	15.64	8160.80		5.86	14.50	99.29	596.44
8200	9-30	S 72 E	16.50	8259.43		5.10	15.70	105.15	610.94
8300	9-45	S 70 E	16.94	8357.99		5.79	15.91	110.25	626.64
8400	9-45	S 64 E	16.94	8456.55		7.42	15.22	116.04	642.55
8500	10-00	S 67 E	17.36	8555.03		6.78	15.98	123.46	657.77
8600	10-00	S 62 E	17.36	8653.51		8.15	15.33	130.24	673.75
8700	10-00	S 67 E	17.36	8751.99		6.78	15.98	138.39	689.08
8800	10-00	S 69 E	17.36			6.22	16.21	145.17	705.06

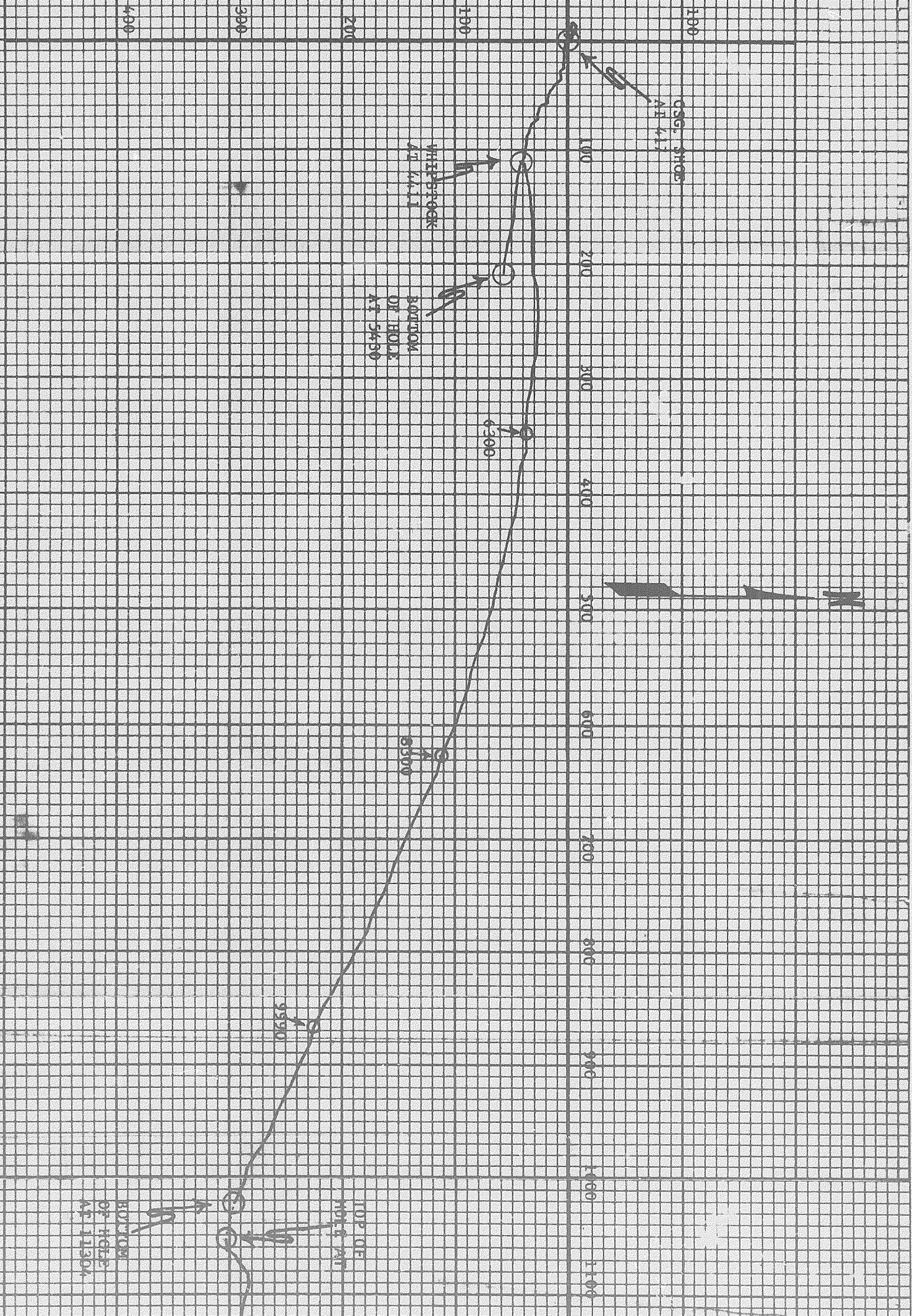
9400	9-15	S 65 E	16.07	9343.40			6.79	14.57			186.23	797.47
9500	9-00	S 60 E	15.64	7442.17			7.82	13.55			194.05	811.02
9600	8-30	S 62 E	14.78	9541.07			6.94	13.05			200.99	824.07
9700	8-00	S 60 E	13.92	9640.10			6.96	12.05			207.95	836.12
9800	7-45	S 57 E	13.49	9739.19			7.34	11.31			215.29	847.43
9900	7-00	S 67 E	12.19	9838.44			4.76	11.22			220.05	858.65
9990	6-30	S 65 E	10.18	9937.80			4.30	9.23			224.35	867.88
10100	7-30	S 70 E	14.35	10036.94			4.90	13.48			229.95	881.36
10200	8-00	S 67 E	13.92	10135.97			5.44	12.81			234.69	894.17
10300	8-00	S 67 E	13.92	10235.00			5.44	12.81			240.13	906.98
10400	7-45	S 65 E	13.44	10334.09			5.70	12.22			245.83	919.20
10500	7-30	S 62 E	13.05	10433.23			6.12	11.52			251.95	930.72
10600	7-15	S 63 E	12.62	10532.43			5.73	11.25			257.68	941.97
10700	7-00	S 63 E	12.19	10631.68			4.76	11.22			262.44	953.19
10800	6-30	S 72 E	11.32	10731.04			3.50	10.76			265.94	963.95
10900	6-15	S 75 E	10.89	10830.45			5.93	9.13			271.87	923.08
11000	6-30	S 57 E	11.32	10929.81			6.16	9.49			280.03	982.57
11100	7-15	S 61 E	12.62	11029.01			6.12	11.04			284.15	993.61
11200	8-15	S 66 E	14.35	11127.98			5.84	13.11			289.99	1006.72
11304	8-45	S 69 E	15.82	11230.77			5.62	14.77			295.61	1021.49
					11.83	307.44	1021.49					
						-11.83	-0.00					
						295.61	1021.49					
11304	T.D. of Run #Three			11230.77								
11400	9-00	S 69 E	15.01	11325.59			5.28	14.02			300.89	1035.51
11500	8-30	EAST	14.78	11424.49			0.00	14.78			300.89	1050.29

1500	6-00	EAST	5.02	11424.49		0.00	5.02		300.89	1050.29
1548	4-00	N 83 E	3.63	11472.23	0.43		1.71		300.89	1055.31
1600	4-00	N 88 E	3.49	11524.10	0.12		3.49		300.46	1057.02
1650	2-45	N 55 E	2.40	11573.98	1.38		1.97		300.34	1060.51
1700	2-45	N 63 E	2.40	11623.92	1.09		2.14		298.96	1062.48
1750	2-45	N 63 E	2.40	11673.86	1.09		2.14		297.87	1064.62
1800	2-30	N 61 E	2.18	11723.80	1.06		1.91		296.78	1066.76
1850	2-15	N 57 E	1.97	11773.75	1.07		1.65		295.72	1068.67
1900	2-00	N 43 E	1.75	11823.71	1.27		1.19		294.65	1070.32
1950	2-00	N 43 E	1.75	11873.68	1.27		1.19		293.38	1071.51
2000	2-30	N 48 E	2.18	11893.65	1.46		1.63		292.11	1072.70
2050	3-00	N 53 E	2.62	11973.60	1.53		2.09		290.65	1074.33
2100	3-00	N 41 E	2.62	12023.53	1.98		1.72		289.12	1076.42
2150	3-15	N 63 E	2.84	12073.46	1.29		2.53		287.14	1078.14
2200	4-00	N 69 E	3.49	12123.38	1.25		3.26		285.85	1080.67
2250	5-30	N 74 E	4.79	12173.26	1.32		4.61		284.60	1083.93
2300	6-15	S 76 E	5.45	12223.03	1.32	5.29			283.28	1088.54
23500	6-15	S 77 E	5.45	12272.73	1.23	5.31			284.60	1093.83
2400	7-15	S 79 E	6.31	12322.43	1.20	6.20			285.83	1099.14
2450	8-00	S 75 E	6.96	12372.03	1.80	7.73			287.03	1105.34
2500	8-45	S 77 E	7.61	12421.55	1.71	7.41			288.83	1113.07
2550	9-00	S 77 E	7.82	12471.47	1.76	7.62			290.54	1120.48
2600	9-30	S 78 E	8.25	12520.85	1.72	8.07			292.30	1128.10
2650	9-30	S 74 E	8.25	12570.17	2.28	7.93			294.02	1136.17
2700	9-45	S 79 E	8.47	12692.72	1.62	8.31			296.30	1144.10
2750	11-00	S 77 E	9.54	12619.49	2.15	9.30			297.92	1152.41
2800	12-30	S 83 E	10.82	12717.85	1.32	10.24			200.07	1161.71
2850	14-00	S 85 E	12.10	12766.67	1.06	12.05			301.39	1171.95
2900	15-45	S 79 E	13.36	12815.19	2.55	13.12			302.45	1184.00
2950	17-00	S 78 E	14.62	12863.37	3.04	14.30			305.00	1197.12
3000	18-30	S 87 E	15.87	12912.19	0.83	15.85			308.04	1211.42
3050	20-30	N 83 E	17.51	12959.61	2.14	17.38			308.87	1227.27
3100	22-00	N 88 E	18.73	13006.45	0.66	18.72			306.73	1244.65
3150	24-00	N 83 E	20.34	13052.81	2.48	20.19			306.07	1263.37

100	20-30	N 83 E	17.51	13006.45	2.14	17.38	306.87	1227.27
	22-00	N 88 E	18.73		0.66	18.72	306.73	1244.65
150				13052.81			306.07	1263.37
	24-00	N 83 E	20.34		2.48	20.19		
200				13098.49			303.59	1283.56
	25-00	N 87 E	21.13		1.11	21.10		
256				13143.61			301.48	1304.66
	25-45	N 83 E	21.53		2.62	21.30		
300				13188.94			299.86	1325.96
	26-00	S 87 E	28.19		1.48	28.45		
365				13247.36			301.34	1354.41
					38.45	339.79	1354.41	
						- 38.45		
						301.34		

GRAPH OF DIRECTIONAL LOG		SCALE = 1"-100'
ALL DIRECTIONS ARE FROM TRUE NORTH		
	DEPTH	
of bottom of hole at		
of bottom of hole at	5430	IS 57.84 FT. SOUTH AND 220.28 FT. EAST OR IS
of bottom of hole at		227.75 FT. S 75° 15' E IN RELATION TP CSG. SHOE AT 417 FT.
of bottom of hole at	9990	IS 224.35 FT. SOUTH AND 867.88 FT. EAST OR IS
of bottom of hole at		896.41 FT. S 75° 30' E IN RELATION TO CSG SHOE AT 417 FT.
of bottom of hole at	11304	IS 295.91 FT. SOUTH AND 1021.49 FT. EAST OR IS
of bottom of hole at		1063.02 FT. S 74° E IN RELATION TO CSG SHOE AT 417 FT.
of bottom of hole at	13365	IS 301.34 FT. SOUTH AND 1354.41 FT. EAST OR IS
of bottom of hole at		1387.52 FT. S 77° 30' E IN RELATION TO CSG. SHOE AT 417 FT.
of bottom of hole at		





TOP OF
HOLE AT
11304

TOP OF
HOLE AT
11304

11490

BOTTOM
OF HOLE
AT 11304

11000 11100 11200 11300 11400 11500 11500

